

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No. 004372
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Docket No. 107101-00038
Date: December 20, 2001

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): MISFIRE DETECTION SYSTEM FOR INTERNAL COMBUSTION
ENGINES

By (Inventors): Kenichi ISHIDA, Toshihiro OKAMA, Gakuji MORIYA, Kazuyuki KUBO and
Chiaki KIMURA

- ☒ 23 pages of Specification/Claims 1-20/Abstract are attached.
☒ Formal drawings (Figs. 1-11; 11 sheets are attached.
☒ A Declaration and Power of Attorney is attached.
☒ An assignment of the invention to HONDA GIKEN KOGYO KABUSHIKI KAISHA is attached, along with Form PTO-1595 and a check for \$40.00.
☐ An Information Disclosure Statement is attached, along with Form PTO-1449, and _____ reference(s).
☐ This application is entitled to Small Entity Status.
☐ A Preliminary Amendment is attached.
☐ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. _____, filed _____.
☒ Priority of foreign application No. 2000-387040 filed December 20, 2000 in Japan and 2001-317676 filed October 16, 2001 in Japan is claimed under 35 U.S.C. §119.
☒ Certified copies of the above corresponding foreign application is attached.

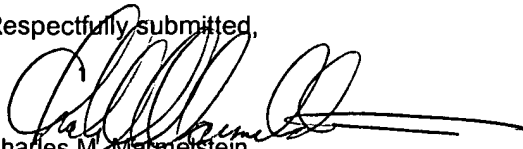
The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	20 - 20	= 0
INDEP CLAIMS	4 - 3	= 1
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY			LARGE ENTITY	
RATE	FEE	OR	RATE	FEE
	\$ 370	OR		\$ 740
x 9 =	\$	OR	x 18	\$
x 42 =	\$	OR	x 84	\$ 84
+140 =	\$	OR	+280	\$
TOTAL	\$	OR	TOTAL	\$ 824

☒ A check in the amount of \$864.00 (\$824.00 for the filing fee and 40.00 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,


Charles M. Marmelstein
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